

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
 Data File : BP001469.D
 Acq On : 27 Dec 2019 20:45
 Operator : JU
 Sample : K6431-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 28 03:47:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 16:04:49 2019
 Response via : Initial Calibration

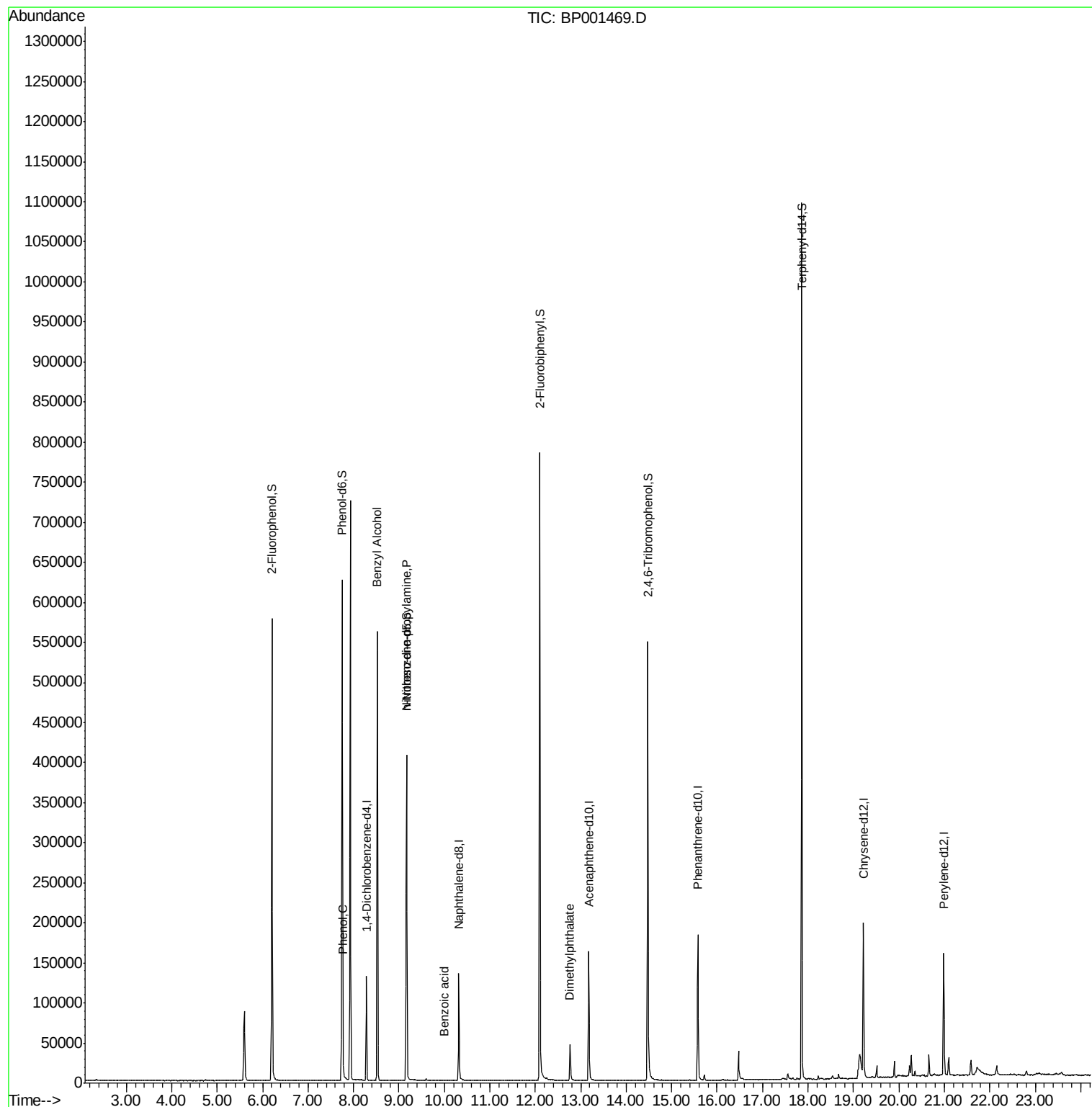
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	20524	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	72373	20.00	ng	0.00
39) Acenaphthene-d10	13.17	164	44232	20.00	ng	0.00
64) Phenanthrene-d10	15.57	188	89369	20.00	ng	0.00
76) Chrysene-d12	19.22	240	76433	20.00	ng	0.00
87) Perylene-d12	20.99	264	85344	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	177850	140.05	ng	0.00
7) Phenol-d6	7.75	99	233538	140.94	ng	0.00
23) Nitrobenzene-d5	9.17	82	158286	83.99	ng	0.00
42) 2,4,6-Tribromophenol	14.47	330	81827	147.97	ng	0.00
45) 2-Fluorobiphenyl	12.10	172	307596	87.93	ng	0.00
79) Terphenyl-d14	17.86	244	407872	91.40	ng	0.00
Target Compounds						
10) Phenol	7.77	94	4635	2.448	ng	87
15) Benzyl Alcohol	8.52	79	3581	2.303	ng	# 58
19) n-Nitroso-di-n-propylamine	9.17	70	24079	20.469	ng	# 75
32) Benzoic acid	9.99	122	9	5.033	ng	# 36
50) Dimethylphthalate	12.76	163	24404	6.725	ng	99

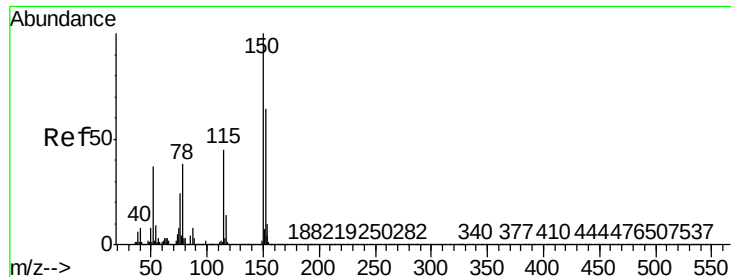
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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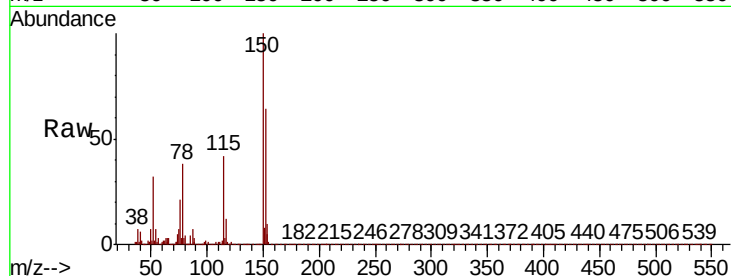




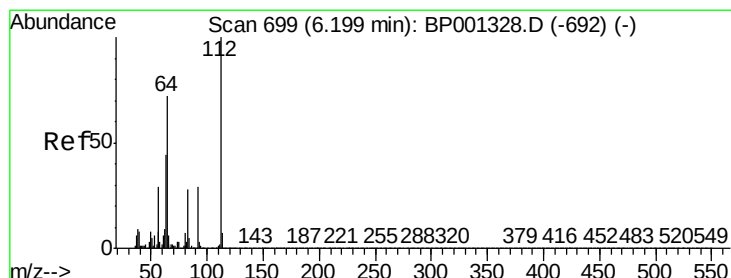
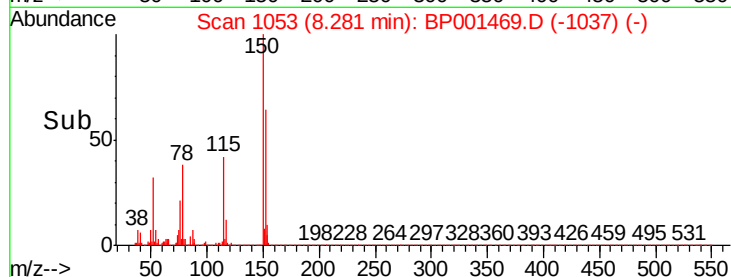
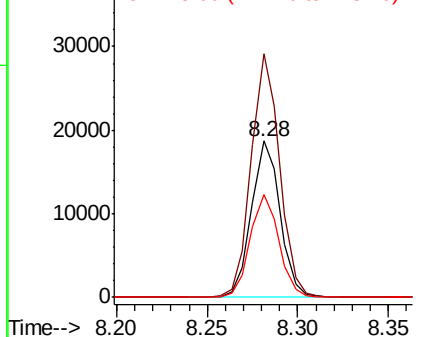
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.28 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BP001469.D
 Acq: 27 Dec 2019 20:45

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:	152	Resp:	20524
Ion	Ratio	Lower	Upper
152	100		
150	156.0	127.0	190.6
115	65.8	56.1	84.1

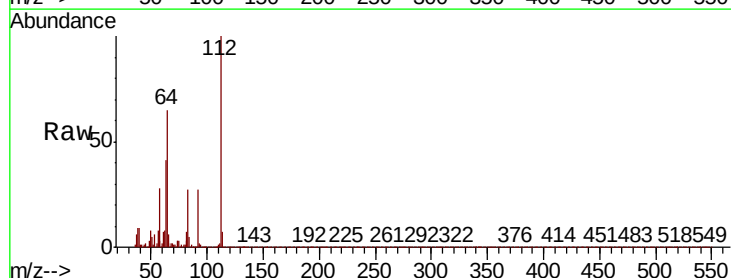


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

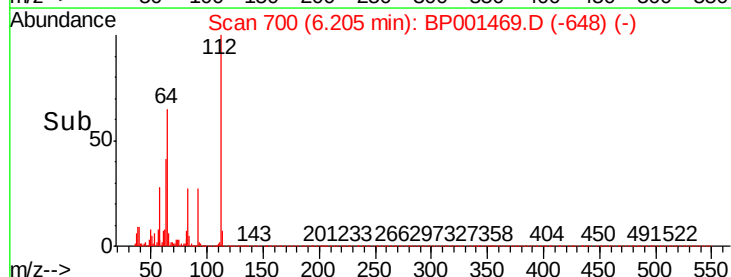
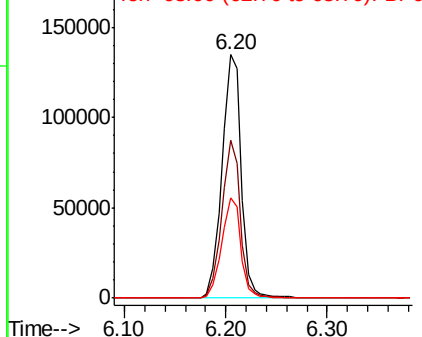


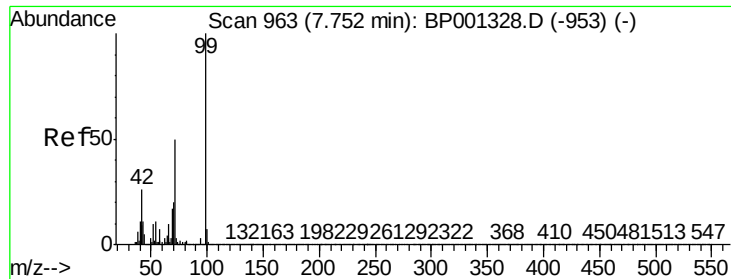
#5
 2-Fluorophenol
 Concen: 140.050 ng
 RT: 6.20 min Scan# 700
 Delta R.T. 0.01 min
 Lab File: BP001469.D
 Acq: 27 Dec 2019 20:45

Tgt Ion:	112	Resp:	177850
Ion	Ratio	Lower	Upper
112	100		
64	64.9	53.9	80.9
63	41.4	33.4	50.0



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BP0
 Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 140.936 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BP001469.D

Acq: 27 Dec 2019 20:45

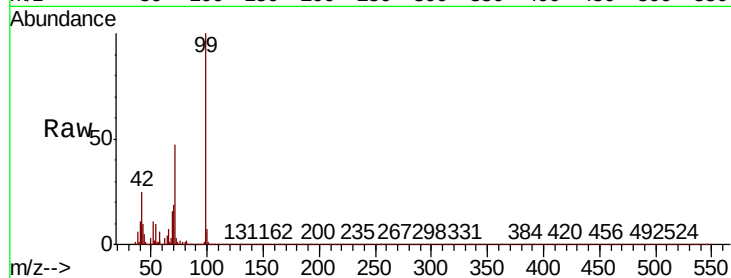
Instrument :

BNA_P

ClientSampled :

Tot Ion: 99 Resp: 233538

Ion	Ratio	Lower	Upper
99	100		
42	25.2	20.8	31.2
71	47.4	38.2	57.4

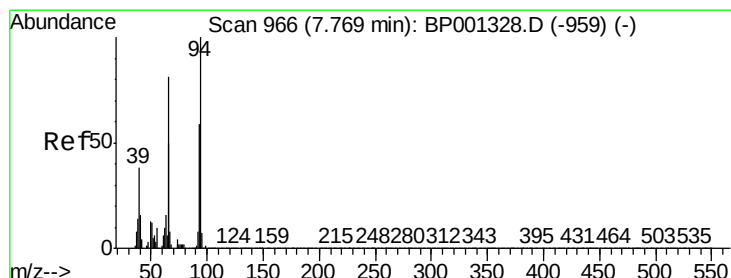
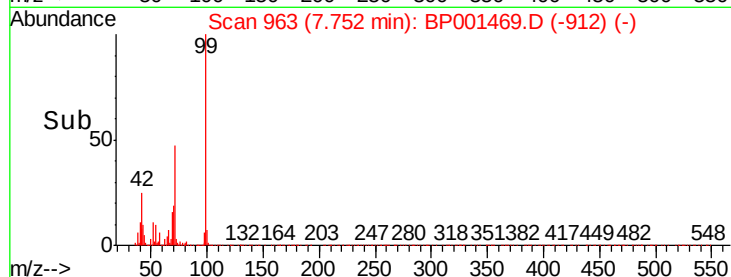
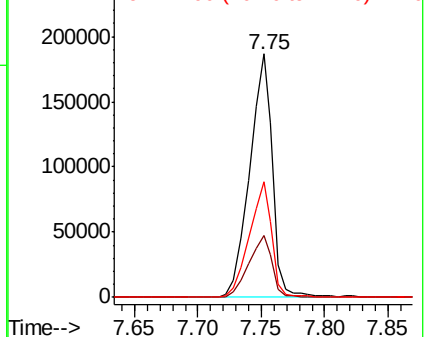


Abundance

Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#10

Phenol

Concen: 2.448 ng

RT: 7.77 min Scan# 966

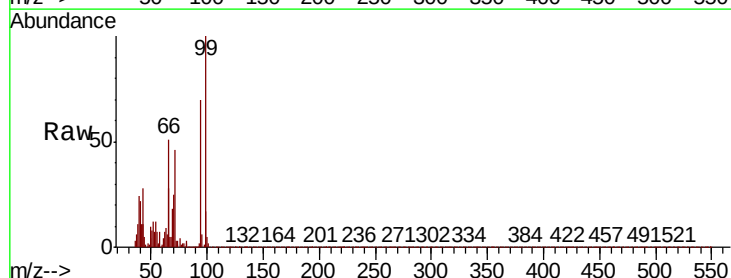
Delta R.T. -0.00 min

Lab File: BP001469.D

Acq: 27 Dec 2019 20:45

Tgt Ion: 94 Resp: 4635

Ion	Ratio	Lower	Upper
94	100		
65	39.9	29.6	69.6
66	71.9	62.3	102.3

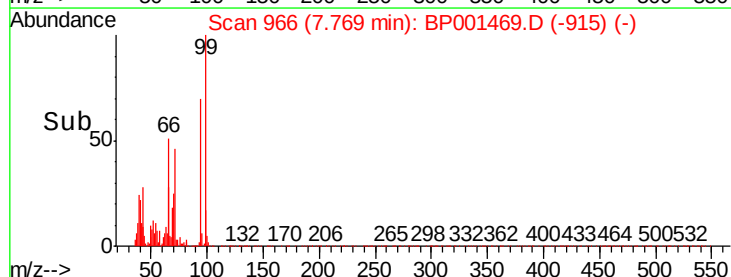
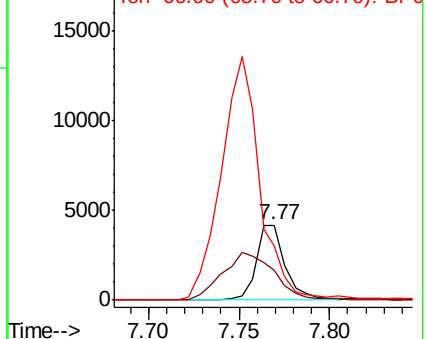


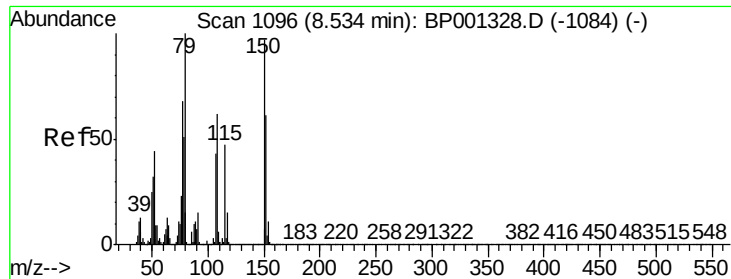
Abundance

Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

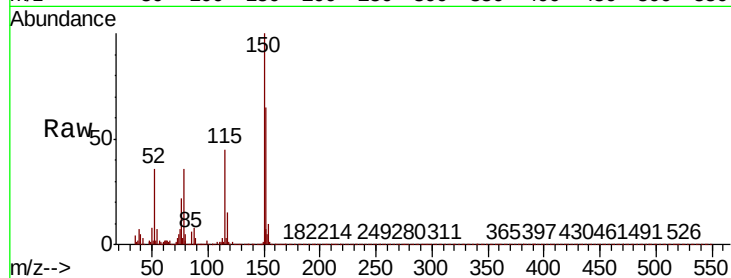




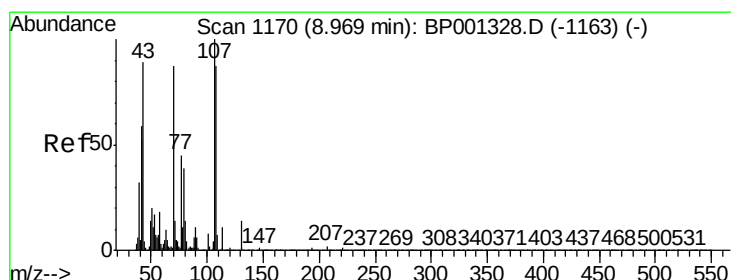
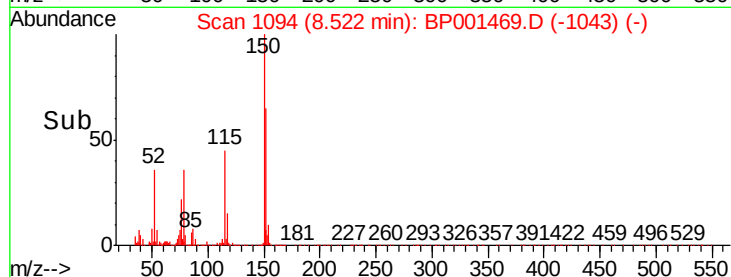
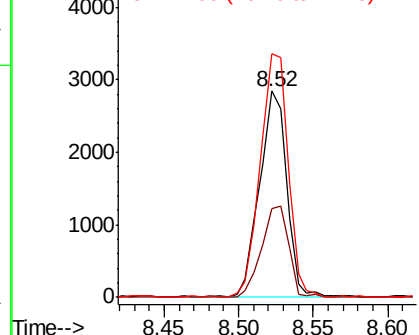
#15
Benzyl Alcohol
Concen: 2.303 ng
RT: 8.52 min Scan# 1094
Delta R.T. -0.00 min
Lab File: BP001469.D
Acq: 27 Dec 2019 20:45

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
79	100		
108	43.0	49.0	73.4#
77	118.1	56.7	85.1#

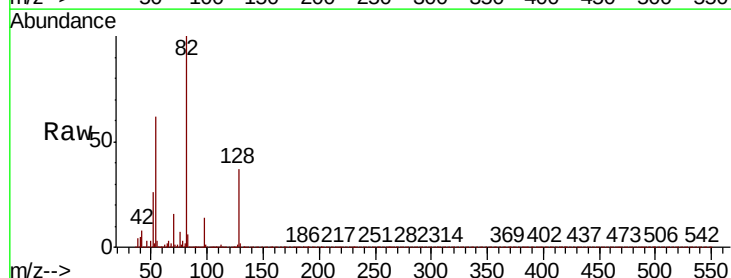


Abundance Ion 79.00 (78.70 to 79.70): BP0
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BP0

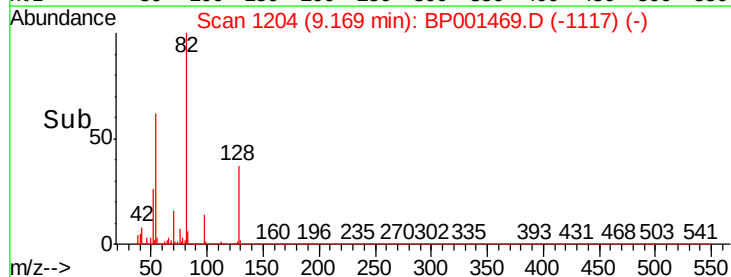
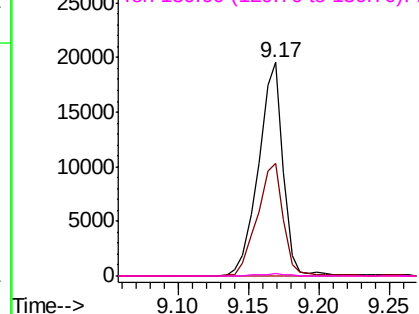


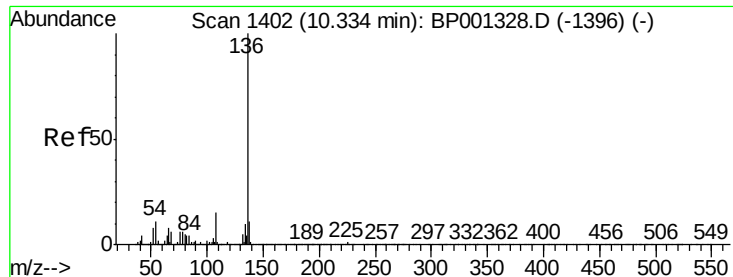
#19
n-Nitroso-di-n-propylamine
Concen: 20.469 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.21 min
Lab File: BP001469.D
Acq: 27 Dec 2019 20:45

Tgt Ion	Ratio	Lower	Upper
70	100		
42	52.8	55.8	83.8#
101	0.0	8.2	12.2#
130	1.2	14.5	21.7#



Abundance Ion 70.00 (69.70 to 70.70): BP0
Ion 42.00 (41.70 to 42.70): BP0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

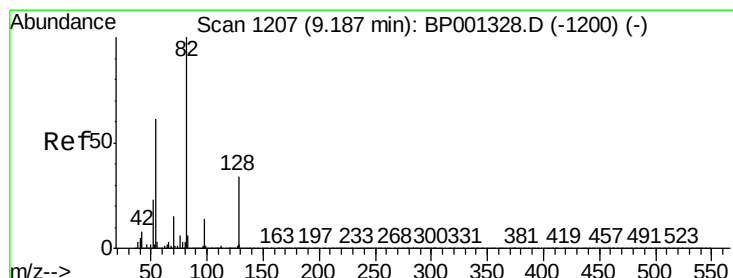
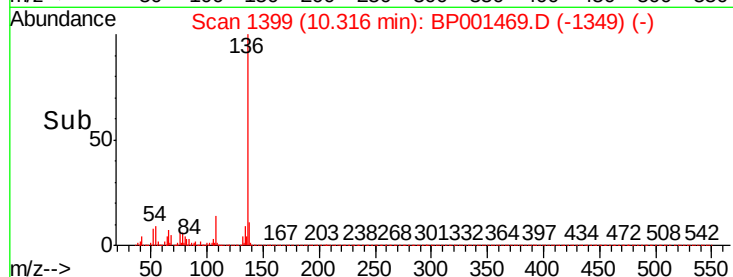
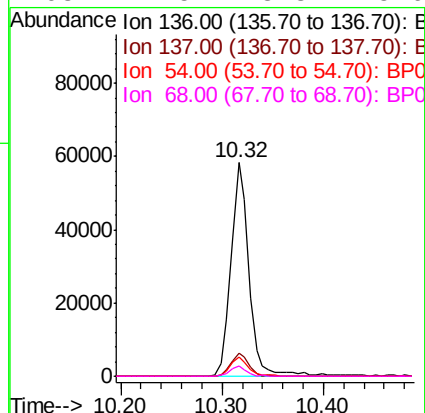
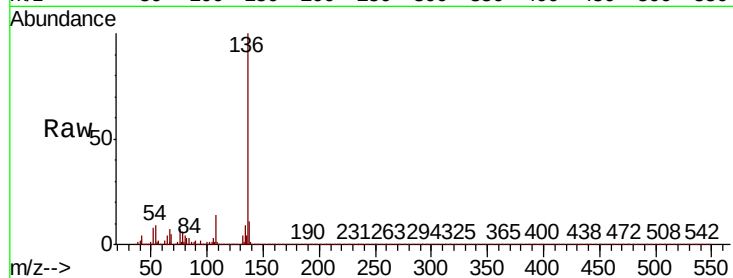




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BP001469.D
Acq: 27 Dec 2019 20:45

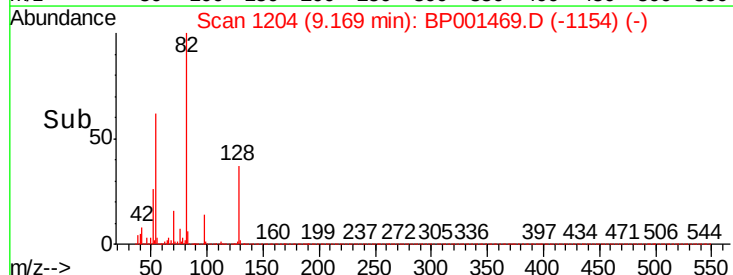
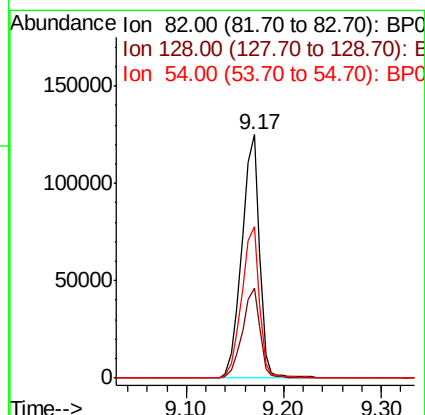
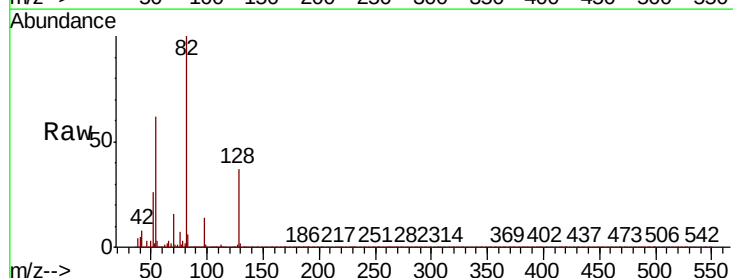
Instrument :
BNA_P
ClientSampleId :

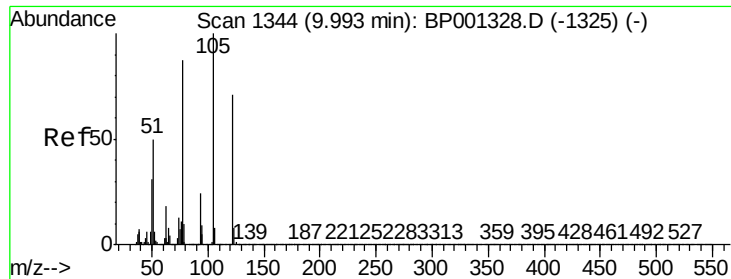
Tot Ion:136	Resp:	72373
Ion Ratio	Lower	Upper
136 100		
137 10.8	9.0	13.4
54 9.3	7.3	10.9
68 4.5	3.8	5.6



#23
Nitrobenzene-d5
Concen: 83.987 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BP001469.D
Acq: 27 Dec 2019 20:45

Tgt Ion	82	Resp: Lower	158286 Upper
	Ratio 100		
128	36.8	27.4	41.0
54	62.5	47.5	71.3





#32

Benzoic acid

Concen: 5.033 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BP001469.D

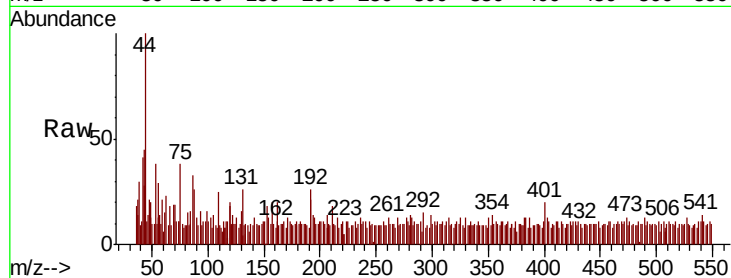
Acq: 27 Dec 2019 20:45

Instrument :

BNA_P

ClientSampled :

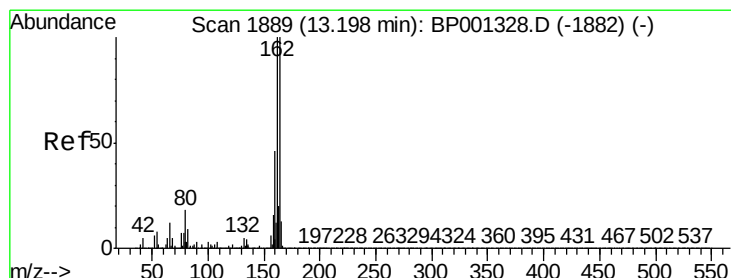
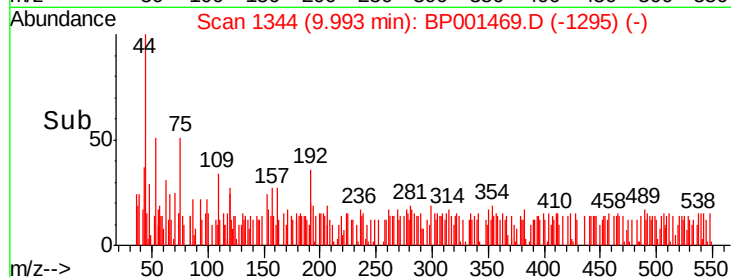
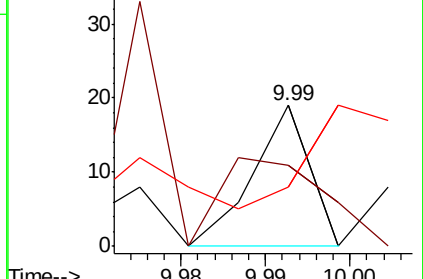
Tot Ion:	122	Resp:	9
Ion	Ratio	Lower	Upper
122	100		
105	57.9	117.8	157.8#
77	42.1	85.6	125.6#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BP0



#39

Acenaphthene-d10

Concen: 20.000 ng

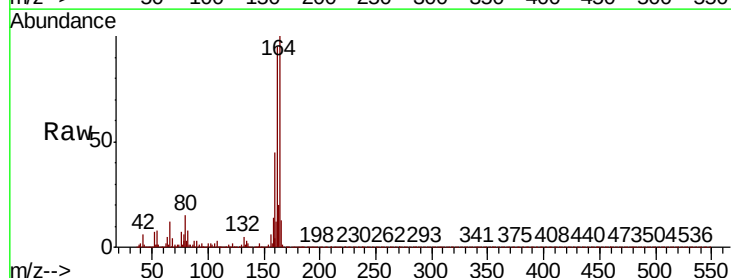
RT: 13.17 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BP001469.D

Acq: 27 Dec 2019 20:45

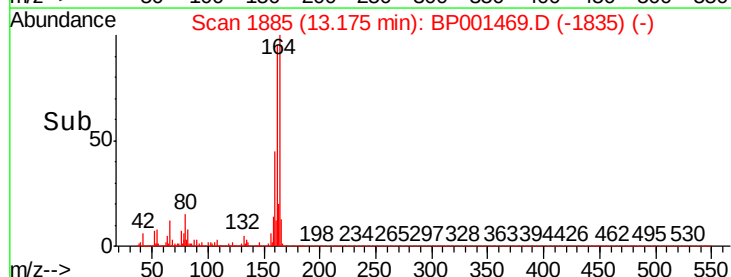
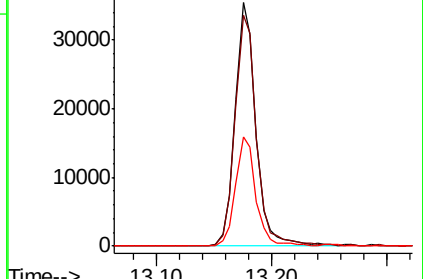
Tgt Ion:	164	Resp:	44232
Ion	Ratio	Lower	Upper
164	100		
162	94.8	78.2	117.4
160	44.8	35.1	52.7

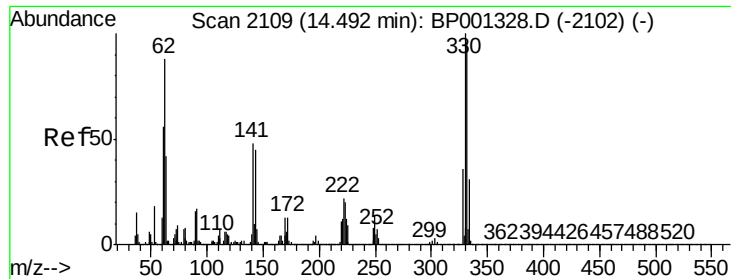


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

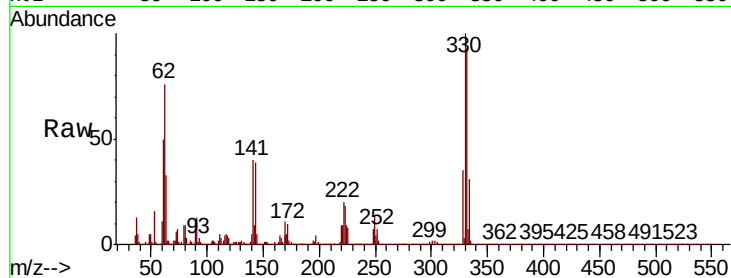




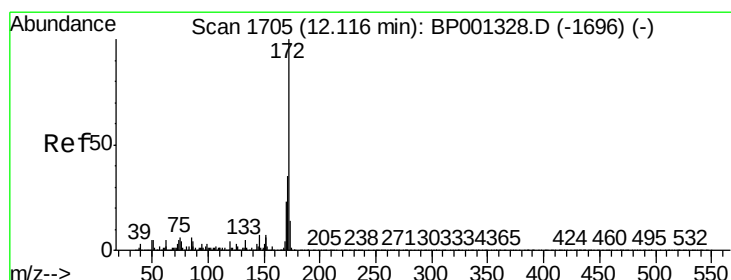
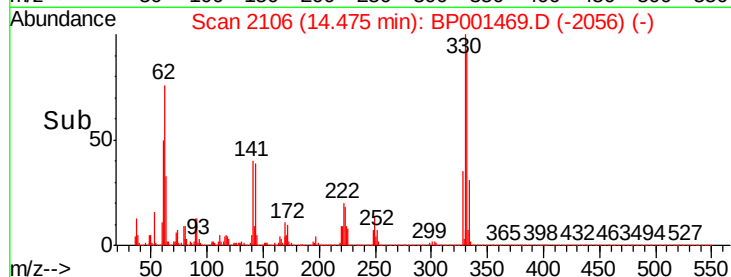
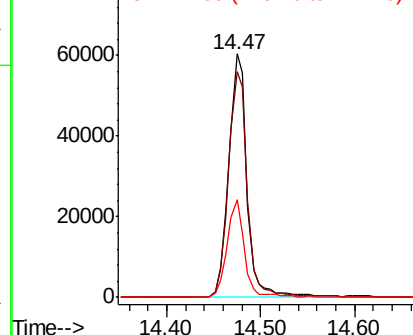
#42
2,4,6-Tribromophenol
Concen: 147.969 ng
RT: 14.47 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BP001469.D
Acq: 27 Dec 2019 20:45

Instrument :
BNA_P
ClientSampleId :

Tot Ion:330 Resp: 81827
Ion Ratio Lower Upper
330 100
332 96.8 78.3 117.5
141 38.3 26.8 40.2

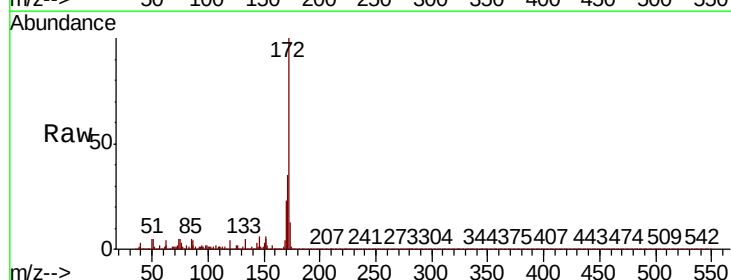


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

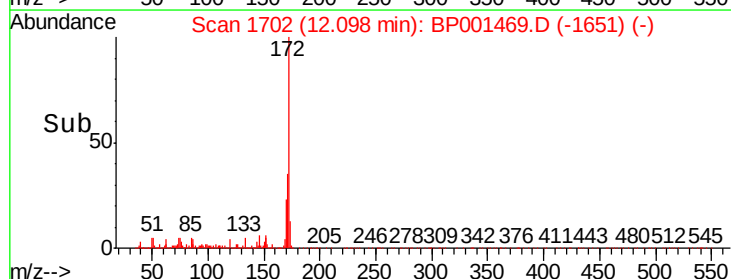
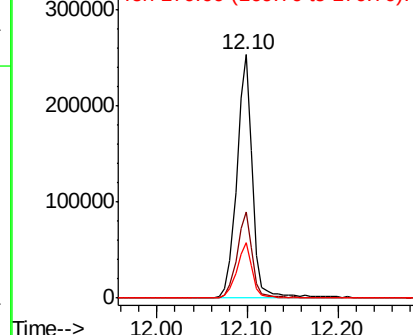


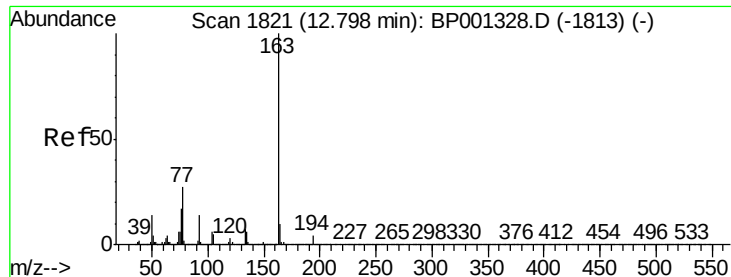
#45
2-Fluorobiphenyl
Concen: 87.934 ng
RT: 12.10 min Scan# 1702
Delta R.T. -0.00 min
Lab File: BP001469.D
Acq: 27 Dec 2019 20:45

Tgt Ion:172 Resp: 307596
Ion Ratio Lower Upper
172 100
171 35.4 27.4 41.0
170 23.0 18.2 27.4



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 6.725 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.02 min

Lab File: BP001469.D

Acq: 27 Dec 2019 20:45

Instrument :

BNA_P

ClientSampled :

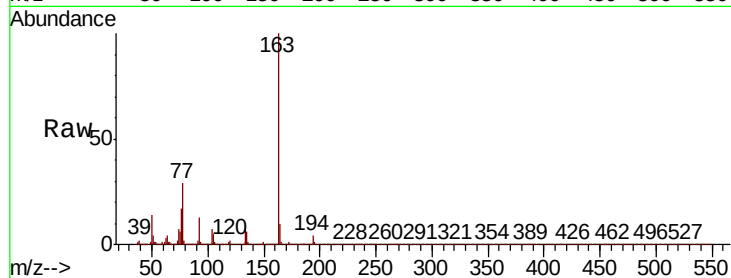
Tot Ion:163 Resp: 24404

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

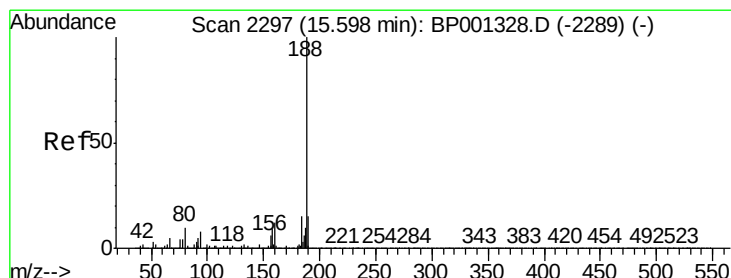
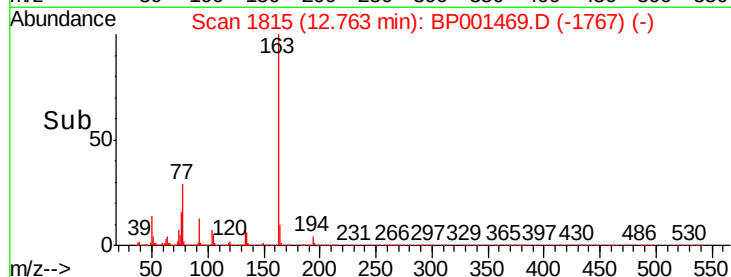
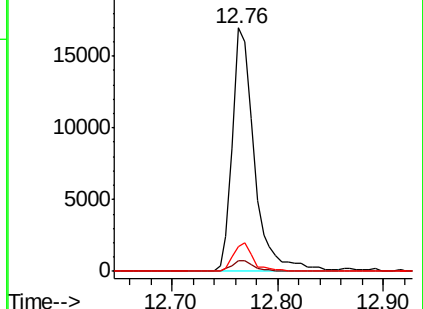
164 10.0 7.7 11.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.57 min Scan# 2293

Delta R.T. -0.01 min

Lab File: BP001469.D

Acq: 27 Dec 2019 20:45

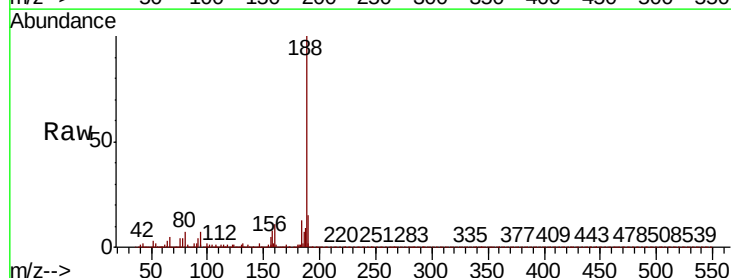
Tgt Ion:188 Resp: 89369

Ion Ratio Lower Upper

188 100

94 6.9 5.8 8.8

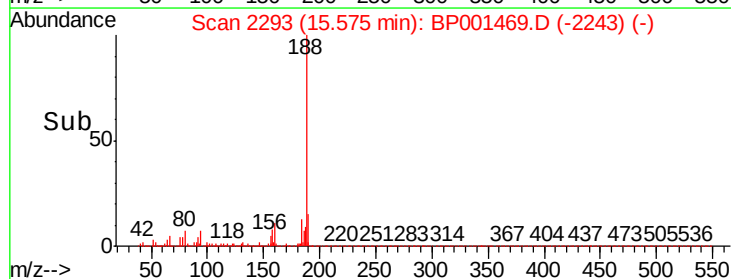
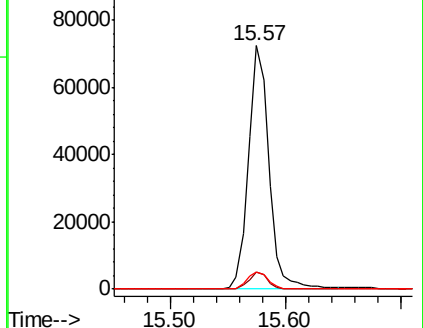
80 6.9 5.7 8.5

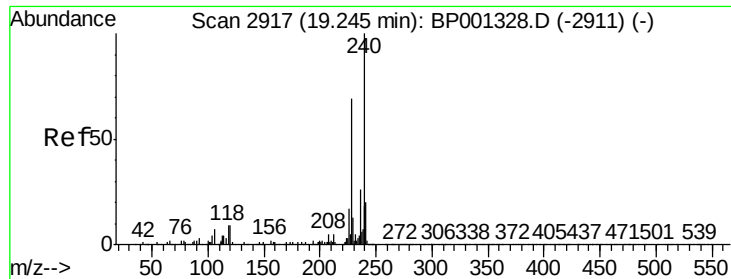


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

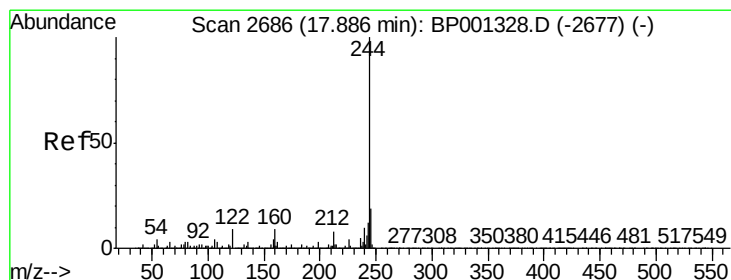
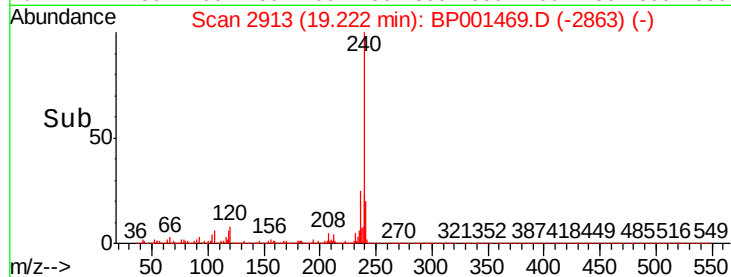
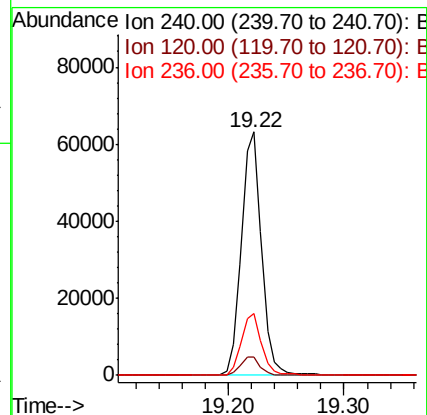
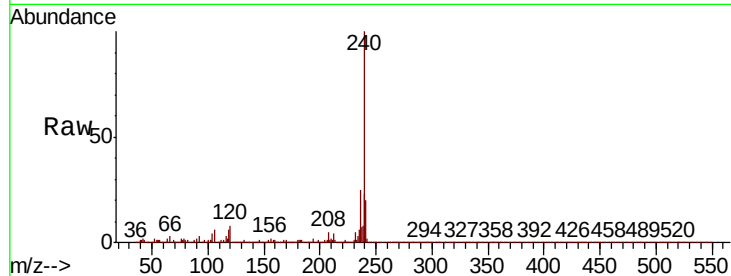




#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.22 min Scan# 2913
Delta R.T. -0.01 min
Lab File: BP001469.D
Acq: 27 Dec 2019 20:45

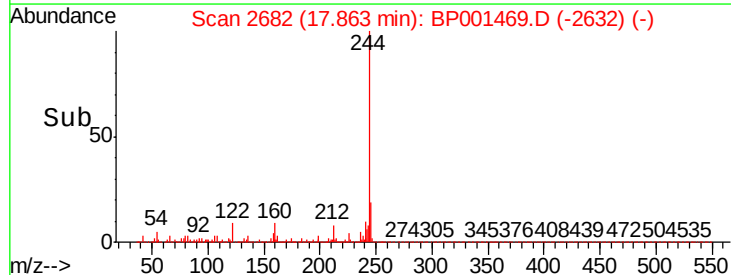
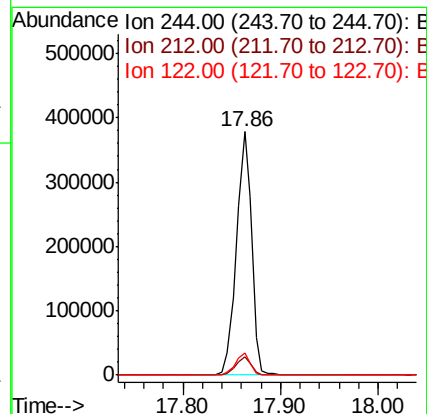
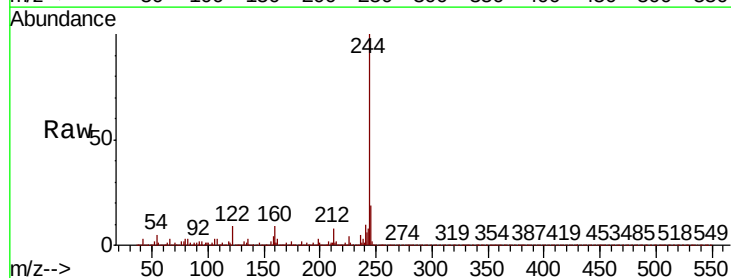
Instrument :
BNA_P
ClientSampleId :

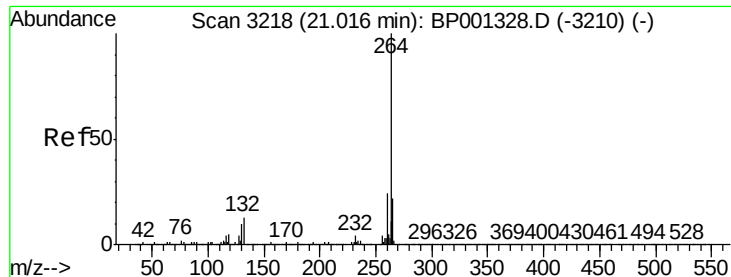
Tot Ion:240 Resp: 76433
Ion Ratio Lower Upper
240 100
120 7.6 6.2 9.2
236 25.3 20.2 30.2



#79
Terphenyl-d14
Concen: 91.399 ng
RT: 17.86 min Scan# 2682
Delta R.T. -0.01 min
Lab File: BP001469.D
Acq: 27 Dec 2019 20:45

Tgt Ion:244 Resp: 407872
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.8
122 9.0 6.4 9.6

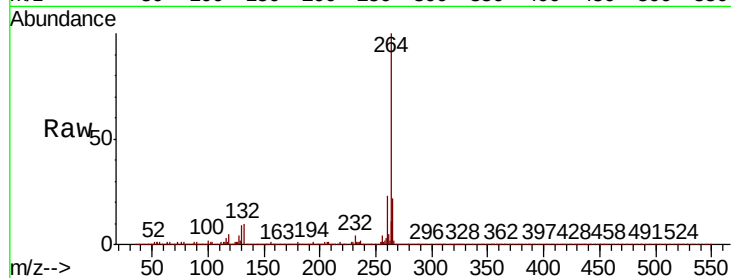




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 20.99 min Scan# 3213
 Delta R.T. -0.01 min
 Lab File: BP001469.D
 Acq: 27 Dec 2019 20:45

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.0	28.4
265	22.0	17.0	25.4



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

